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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/616,511	07/10/2003	Bernd Misselwitz	SCH-1911	1752
23599	7590	08/25/2005	EXAMINER	
MILLEN, WHITE, ZELANO & BRANIGAN, P.C. 2200 CLARENDON BLVD. SUITE 1400 ARLINGTON, VA 22201			JONES, DAMERON LEVEST	
			ART UNIT	PAPER NUMBER
			1618	

DATE MAILED: 08/25/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/616,511

Applicant(s)

MISSELWITZ ET AL.

Examiner

D. L. Jones

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-50 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☐ Claim(s) ____ is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☒ Claim(s) 1-50 are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____

RESTRICTION INTO GROUPS

1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - (1). Claims 1-11 and 45-50, drawn to uses of perfluoroalkyl-containing metal complexes of formula I wherein K is formula (II) on page 4 of the claims, classified in class 424, subclass 9.3.
 - 2). Claims 1-11 and 45-50, drawn to uses of perfluoroalkyl-containing metal complexes of formula I wherein K is formula (III) on page 5 of the claims, classified in class 424, subclass 9.3.
 - (3). Claims 1-11 and 45-50, drawn to uses of perfluoroalkyl-containing metal complexes of formula I wherein K is formula (IV) on page 6 of the claims, classified in class 424, subclass 9.3.
 - (4). Claims 1-11 and 45-50, drawn to uses of perfluoroalkyl-containing metal complexes of formula I wherein K is formula (V) on page 6 of the claims, classified in class 424, subclass 9.3.
 - (5). Claims 1-11 and 45-50, drawn to uses of perfluoroalkyl-containing metal complexes of formula I wherein K is formula (VI) on page 7 of the claims, classified in class 424, subclass 9.3.
 - (6). Claims 1-11 and 45-50, drawn to uses of perfluoroalkyl-containing metal complexes of formula I wherein K is formula (VII) on page 7 of the claims, classified in class 424, subclass 9.3.

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- (7). Claims 1-11 and 45-50, drawn to uses of perfluoroalkyl-containing metal complexes of formula I wherein K is formula (VIII) on page 8 of the claims, classified in class 424, subclass 9.3.
- (8). Claims 1-11 and 45-50, drawn to uses of perfluoroalkyl-containing metal complexes of formula I wherein K is formula (IX) on page 8 of the claims, classified in class 424, subclass 9.3.
- (9). Claims 1-11 and 45-50, drawn to uses of perfluoroalkyl-containing metal complexes of formula I wherein K is formula (X) on page 9 of the claims, classified in class 424, subclass 9.3.
- (10). Claims 1-11 and 45-50, drawn to uses of perfluoroalkyl-containing metal complexes of formula I wherein K is formula (XI) on page 9 of the claims, classified in class 424, subclass 9.3.
- (11). Claims 1-11 and 45-50, drawn to uses of perfluoroalkyl-containing metal complexes of formula I wherein K is formula (XII) on page 10 of the claims, classified in class 424, subclass 9.3.
- (12). Claims 1-11 and 45-50, drawn to uses of perfluoroalkyl-containing metal complexes of formula I wherein K is formula (XIII) on page 10 of the claims, classified in class 424, subclass 9.3.
- (13). Claims 1-7, 12-21, and 45-50, drawn to uses of perfluoroalkyl-containing metal complexes of formula Ia wherein K is formula (Va) on page 18 of the claims or the first structure appearing on page 21, classified in class 424, subclass 9.3.

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- (14). Claims 1-7, 12-18, and 45-50, drawn to uses of perfluoroalkyl-containing metal complexes of formula Ia wherein K is formula (VIa) on page 18 of the claims, classified in class 424, subclass 9.3.
- (15). Claims 1-7, 12-18, and 45-50, drawn to uses of perfluoroalkyl-containing metal complexes of formula Ia wherein K is formula (VIIa) on page 18 of the claims, classified in class 424, subclass 9.3.
- (16). Claims 1-7, 12-21, and 45-50, drawn to uses of perfluoroalkyl-containing metal complexes of formula Ia wherein K is formula (VIIIa) on page 19 of the claims or K is the second structure in claim 19 on page 20, classified in class 424, subclass 9.3.
- (17). Claims 1-7, 12-15, 19-21, and 45-50, drawn to uses of perfluoroalkyl-containing metal complexes of formula Ia wherein K is the first structure in claim 19 on page 20, classified in class 424, subclass 9.3.
- (18). Claims 1-7, 12-15, 22-29, and 45-50, drawn to uses of perfluoroalkyl-containing metal complexes of formula Ib wherein K is of formula (IIb) on page 22, classified in class 424, subclass 9.3.
- (19). Claims 1-7, 12-15, 30-36, and 45-50, drawn to uses of perfluoroalkyl-containing metal complexes of formula Ic wherein K is formula (IIc) on page 29 of the claims, classified in class 424, subclass 9.3.
- (20). Claims 1-7, 12-15, and 37-50, drawn to uses of perfluoroalkyl-containing metal complexes of formula Id wherein K is formula (IId) on page 39 of the claims, classified in class 424, subclass 9.3.

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- (21). Claims 1-7, 12-15, 20, 21, and 45-50, drawn to uses of perfluoroalkyl-containing metal complexes not encompassed by Groups (1) – (20) above, classified in class 424, subclass 9.3.

Note: Claims appearing in more than one group will only be examined to the extent that they read on the elected invention.

2. Each of Groups (1) – (21) are unrelated. Inventions are unrelated if it can be shown that they are not disclosed as capable of use together and they have different modes of operation, different functions, or different effects (MPEP 806.04 and MPRP 808.01). In the instant case, the each group is directed to the use of products having distinct characteristics. For example, the K necessary for each group is unique to the formula in which it is used (i.e., see claims 8 and 22, note that one formula is branched and the other is not. Also, note that the number of variables involved in each of the formulae is different). Hence, a separate search for each invention is necessary since the limitations necessary for each group is different even though the inventions classify in the same area.

3. The inventions are distinct from each other for the reasons set forth above. Hence, since these inventions are distinct and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.

ELECTION OF SPECIES

4. Claims 1-50 are generic to a plurality of disclosed patentably distinct species comprising a perfluoroalkyl containing metal complexes comprising various other

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components (i.e., linking groups). Applicant is required under 35 U.S.C. 121 to elect a single disclosed species from within the elected group above for search purposes from within the elected group above, even though this requirement is traversed.

Note: The Examiner respectfully requests that the Applicant identify each of the following, if appropriate for the elected group above: identify the use for the perfluoroalkyl metal containing complex; R^F ; L; a specific K value; B; A; L^1 ; A^1 ; G; Z; Y; R; U; U^1 ; R^2 ; R^1 ; L^2 ; B^2 ; L^3 ; X^1 ; and all other variables associated with the elected species.

5. Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

6. Due to the complexity of the restriction requirement, a telephone call was not made to request an oral election to the above restriction requirement.

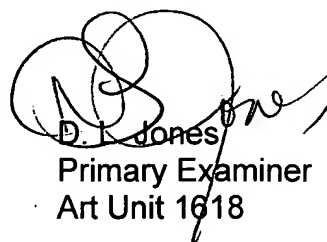
7. Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to D. L. Jones whose telephone number is (571) 272-0617. The examiner can normally be reached on Mon.-Fri., 6:45 a.m. - 3:15 p.m..

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thurman Page can be reached on (571) 272-0602. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



D. I. Jones
Primary Examiner
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August 22, 2005